

#5

Substitute for form 1449A/PTO

**INFORMATION
DISCLOSURE
STATEMENT BY APPLICANT**

(Use as many sheets as necessary)

Sheet 1 of 2

Complete if Known

Application Number 09/855,342

Filing Date May 14, 2001

First Named Inventor Caligiuri

Group Art Unit 812 1646 1642

Examiner Name Not yet assigned


Attorney Docket Number 35784/209112 (5784-50)

U. S. PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	U.S. Patent Document Number	Kind Code ² (if known)	Name of Patentee or Applicant Of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages of Relevant Figures Appear

FOREIGN PATENT DOCUMENTS

Examiner Initials	Cite No.	Foreign Patent Document Office ³ Number ⁴	Kind Code ⁵ (if known)	Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	6
SR	1	EP 0 256 714	A2	Cetus Corporation	02-24-1988		11
SR	2	WO 89/06692	A1	Genentech, Inc.	07-27-1989		11

Examiner Signature 

Date Considered 1/24/03

*Examiner: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹ Unique citation designation number.

² See attached Kinds of U.S. Patent Documents.

³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3).

⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document.

⁵ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible.

⁶ Applicant is to place an "X" here if English language Translation is attached.

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PATENT & TRADEMARK OFFICE

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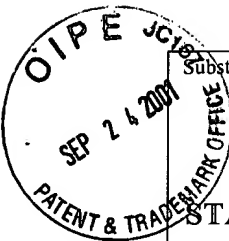
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		Examiner Name	Not yet assigned		
Sheet	2	of	2	Attorney Docket Number	35784/209112 (5784-50)

NON PATENT LITERATURE DOCUMENTS

Examiner Initials	Cite No.	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s) , volume-issue number(s), publisher, city and/or country where published.	T
SR	3	DIERKSHEIDE <i>et al.</i> (1999) "Fc Receptor Cross-Linking in the Presence of Interleukin-12 is a Potent Stimulus to Natural Killer Production of Interferon-gamma: Implications for Anti-Her2 Antibody Therapy," <i>Proceedings of the American Association for Cancer Research</i> 40: 77 (XP002171956)	
	4	FLEMING <i>et al.</i> (1999) "Phase I Trial of Recombinant Human Anti-Her2 Monoclonal Antibody (H) Plus Low-Dose Interleukin-2 (IL-2) in Patients with Solid Tumors," <i>Proceedings of the Annual Meeting of the American Society for Clinical Oncology</i> 18: A710 (XP001010378)	
	5	KOPRESKI <i>et al.</i> (1996) "Growth Inhibition of Breast Cancer Cell Lines by Combinations of Anti-P185 ^{Her2} Monoclonal Antibody and Cytokines," <i>Anticancer Research</i> 16: 433-436 (XP000973070)	
	6	LI <i>et al.</i> (1999) "Preparation and Characterization of a Human Interleukin-2 and Anti-Human Her2 ScFv Fusion Protein," <i>Proceedings of the American Association for Cancer Research</i> 40: 358 (XP002171954)	
	7	LI <i>et al.</i> (2000) "Chemical Conjugation of a Novel Antibody-Interleukin 2 Immunoconjugate Against c-erbB-2 Product," <i>Chinese Medical Journal</i> 113: 151-153 (XP000925246)	
	8	TAGLIAFERRI <i>et al.</i> (1996) "Differential Sensitivity to Non-Major Histocompatibility Complex-Restricted Recombinant Interleukin 2-Activated Lymphocyte Killing of Human Mammary Epithelial MCF-10A Cells Overexpressing Oncogenes or Protein Kinase A Subunits," <i>Clinical Cancer Research</i> 2: 207-214 (XP002171953)	
	9	WEINER <i>et al.</i> (1995) "Clinical Development of 2B1, A Bispecific Murine Monoclonal Antibody Targeting c-erbB-2 and Fc-gamma-RIII," <i>Journal of Hematotherapy</i> 4: 453-456 (XP002048529)	
	10	"Questions and Answers about NCI's Expanded Research with Herceptin (R)," <i>National Cancer Institute, Backgrounders, Online!</i> Bethesda, MD (September 28, 1998) URL: http://rex.nci.nih.gov/massmedia/back_pp_1-8 (XP002171955)	

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Sheet 1 of 1

Application Number

09/855,342

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May 14, 2001

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First Named Inventor

Caligiuri

Group Art Unit

SR 1646 1642 TECH CENTER 1600/2900

Examiner Name

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SR	11	MEROPOL <i>et al.</i> (1996) "Daily Subcutaneous Injection of Low-Dose Interleukin 2 Expands Natural Killer Cells <i>in Vivo</i> Without Significant Toxicity," <i>Clin. Cancer Res.</i> 2: 669-677.	
↓	12	MEROPOL <i>et al.</i> (1998) "Evaluation of Natural Killer Cell Expansion and Activation <i>in Vivo</i> with Daily Subcutaneous Low-Dose Interleukin-2 Plus Periodic Intermediate-Dose Pulsing," <i>Cancer Immunol. Immunother</i> 46: 318-326.	

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RTA01/2103788v1

¹ Unique citation designation number.² See attached Kinds of U.S. Patent Documents.³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3).⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document.⁵ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible.⁶ Applicant is to place an "X" here if English language Translation is attached.